

# Michal J Winiarski

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,070  
citations

430442

18  
h-index

414034

32  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1487  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Effect of electron count and chemical complexity in the Ta-Nb-Hf-Zr-Ti high-entropy alloy superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7144-E7150.                      | 3.3  | 114       |
| 2 | Photocatalytic activity of nitrogen doped TiO <sub>2</sub> nanotubes prepared by anodic oxidation: The effect of applied voltage, anodization time and amount of nitrogen dopant. Applied Catalysis B: Environmental, 2016, 196, 77-88. | 10.8 | 110       |
| 3 | Enhanced photocatalytic properties of lanthanide-TiO <sub>2</sub> nanotubes: An experimental and theoretical study. Applied Catalysis B: Environmental, 2017, 205, 376-385.   | 10.8 | 87        |
| 4 | Photocatalytically Active TiO <sub>2</sub> /Ag <sub>2</sub> O Nanotube Arrays Interlaced with Silver Nanoparticles Obtained from the One-Step Anodic Oxidation of Ti-Ag Alloys. ACS Catalysis, 2017, 7, 2753-2764.                      | 5.5  | 76        |
| 5 | Effect of irradiation intensity and initial pollutant concentration on gas phase photocatalytic activity of TiO <sub>2</sub> nanotube arrays. Catalysis Today, 2017, 284, 19-26.  | 2.2  | 51        |
| 6 | Perovskite-type KTaO <sub>3</sub> -reduced graphene oxide hybrid with improved visible light photocatalytic activity. RSC Advances, 2015, 5, 91315-91325.   | 1.7  | 49        |
| 7 | <a href="#">Rattling-enhanced superconductivity in</a><br>$\frac{M}{V} < \frac{A}{20} < \frac{M}{20}$   |      |           |



| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Synthesis, structure and physical properties of new intermetallic spin glass-like compounds $\langle i \rangle \text{RE} \langle /i \rangle \langle \text{sub} \rangle 2 \langle / \text{sub} \rangle \text{PdGe} \langle \text{sub} \rangle 3 \langle / \text{sub} \rangle$ ( $\langle i \rangle \text{RE} \langle /i \rangle = \text{La, Ce, Pr, Nd, Sm, Eu, Gd, Tb and Dy}$ ). Journal of Physics Condensed Matter, 2020, 32, 225706.   |     |           |
| 38 | Superconductivity in the Endohedral Ga Cluster Compound $\text{PdGa} \langle \text{sub} \rangle 5 \langle / \text{sub} \rangle$ . Journal of Physical Chemistry C, 2021, 125, 11294-11299.   | 1.5 | 5         |
| 39 | Study of Integer Spin $S = 1$ in the Polar Magnet $\text{Î}^2\text{-Ni}(\text{IO}_3)_2$ . Molecules, 2021, 26, 7210.   | 1.7 | 5         |
| 40 | Single crystal growth and physical properties of $\text{MCo}_2\text{Al}_9$ (M= Sr, Ba). Journal of Solid State Chemistry, 2020, 289, 121509.   | 1.4 | 4         |
| 41 | Intermetallic disordered magnet $\langle \text{mml:math} \langle \text{xmlns:mml} = \text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Gd} \langle / \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ its relation to other $\langle \text{mml:math} \langle \text{xmlns:mml} = \text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{AlB} \langle / \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ Physical Review B, 2022, 105, . | 1.1 | 4         |
| 42 | Superconductivity in the intermetallic compound $\text{Zr} \langle \text{sub} \rangle 5 \langle / \text{sub} \rangle \text{Al} \langle \text{sub} \rangle 4 \langle / \text{sub} \rangle$ . Europhysics Letters, 2019, 127, 37005.   | 0.7 | 3         |
| 43 | Fermi-liquid behavior of binary intermetallic compounds $\text{Y}_3\text{M}(\text{M} = \text{La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Co, Ni, Rh, Pd, Ir, Pt})$ . Materials Research Express, 2017, 4, 066501.  | 0.8 | 2         |
| 44 | Growth, Crystal Structure and Magnetic Characterization of Zn-Stabilized $\text{CePtIn} \langle \text{sub} \rangle 4 \langle / \text{sub} \rangle$ . Journal of the Physical Society of Japan, 2017, 86, 084710.   | 0.7 | 2         |
| 45 | $\text{Ho}_2\text{Pd}_{1.3}\text{Ge}_{2.7}$ – a ternary $\text{AlB}_2$ -type cluster glass system. RSC Advances, 2021, 11, 25187-25193.  | 1.7 | 2         |
| 46 | Synthesis, single crystal growth and properties of $\text{Sr}_5\text{Pb}_3\text{ZnO}_{12}$ . Journal of Alloys and Compounds, 2014, 617, 63-68.  | 2.8 | 1         |
| 47 | Future Directions in Quantum Materials Synthesis. , 2021, , 239-259.   |     | 1         |
| 48 | Low-Dimensional Magnetic Semimetal $\text{Cr} \langle \text{sub} \rangle 0.65 \langle / \text{sub} \rangle \text{Al} \langle \text{sub} \rangle 1.35 \langle / \text{sub} \rangle \text{Se} \langle \text{sub} \rangle 3 \langle / \text{sub} \rangle$ . Inorganic Chemistry, 2019, 58, 13960-13968.   | 1.9 | 0         |